

**SELF-POSITIONING WIRELESS TRANSCEIVER SYSTEM AND
METHOD**

Abstract of the Disclosure

A self-positioning wireless transceiver system increases the
5 communication range of a source device. A plurality of communicatively coupled
self-positioning transceivers automatically position themselves with respect to the
source device to increase the communication range of the source device. When
communicative coupling between the source device and a particular destination
device within the increased communication range is detected, the plurality of self-
10 positioning transceivers automatically position themselves and create a
communication link between the source device and the destination device. Each of
the self-positioning transceivers includes a mobility mechanism that permits the self-
positioning transceiver to automatically position itself as necessary to create desired
communication links.